



AG-401

Acid Gelling Agent/Acid Retarder

AG-401 is a highly effective HCL Gelling Agent that provides stable acid gel up to 150°F, and retards acid at temperatures up to 200°F.

AG-401 retards HCL for improved treatment and is compatible with all cationic and nonionic acidizing and stimulation additives and acid corrosion inhibitors.

AG-401 is designed for applications in acidizing and fracturing operations and gels HCL up to 38% and provides stable viscosities at temperature up to 150°F. In 15% HCL, viscosities of 50 to 60 cPs are economically produced.

AG-401 retards the spending of the acid resulting in increased penetration and treatment effectiveness. **AG-401** provides excellent suspension of fines and enhanced formation, and near well bore clean up during flow back.

Specific Gravity:	7.38
Appearance:	Light Amber to Yellow Liquid
Solubility:	Water & 15% HCL
pH: (10% Solution)	6.5-7.5

See MSDS

AG-401 is recommended at 10-50 gallons per 1,000 gallons depending on acid strength and other additives as well as viscosity. The gel will form immediately upon the addition of **AG-401**. It should be circulated to assure uniform mixing of the **AG-401** to provide a consistent viscosity of the treatment fluid

AG-401 is available in 5 gallon pails, 55 gallon drums and 275 and 330 gallon totes.